

**A USER INTERFACE OF A KEYPAD ENTRY SYSTEM
FOR KOREAN TEXT INPUT**

ABSTRACT OF THE INVENTION

The present invention is directed to data entry keys (128) of a keypad entry

- 5 system for entry of Korean text to a portable electronic device (100). The data entry keys include ten or more keys arranged in an ordered array in which each key being associated with a numeric digit (keys "1" through "9" and "0"), a phonetic consonant (302 through 328) and a phonetic vowel (402 through 420). Preferably, the phonetic consonants and the phonetic vowels are Korean Jamos symbols used to generate
- 10 Korean Hangul characters. All keys of the data entry keys include a non-aspiration consonant (330), and four keys of the data entry keys include an aspiration consonant (332) in addition to the non-aspiration consonant. The non-aspiration and aspiration consonants are grouped based on similarity in pronunciation.